

# Chromosome Model Project

## Objective:

To create an accurate model of a Chromosome.

## Instructions:

You must create a 3D model of chromosome. It may either stand free on its own or be hung from the ceiling. You may construct the model out of any materials that you choose (examples include candy, pasta, beads, marshmallows, or beans). The model must accurately show the following:

1. A complete Chromosome that is 3D
2. A Centromere
3. Two identical Chromatids
4. Chromatin
5. A reference sheet explaining the parts of the chromosome.

Use this as a guideline to make sure your project is done correctly. This rubric is yours to keep.

\_\_\_\_\_ Reference Sheet (with names clearly printed)

\_\_\_\_\_ A Centromere is clearly seen

\_\_\_\_\_ Two identical Chromatids

\_\_\_\_\_ Chromatin is clearly seen

\_\_\_\_\_ Chromosome Model is 3D



## Grading:

1 of 5 requirements met: 1

2 to 3 requirements met: 2

3 - 4 requirements met: 3

All 5 requirements met: 4